

Abstract

Devices and processes for use in computer aided or computer navigated surgery include one or more fault interfaces interposed between an indicium and an item to be used during surgery such as a body part, tool, implant, trial or other structure or component. After the indicia have been registered into the system and surgery begun, it is sometimes the case that indicia can be inadvertently moved or dislodged in position and / or orientation relative to the body part. Fault interfaces according to various embodiments are designed to fail first, so that the indicia can be repositioned relative to the item without the need to reregister the indicia into the system relative to the item. The fault interfaces preferably include structure that allows the indicium to be repositioned relative to the item so that it does not need to be reregistered into the system.

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